

07/19/01  
Jc796 U.S. PTO



07-20-01  
Attorney Docket No.: YOR920010243US1

**IN THE UNITED STATES  
PATENT AND TRADEMARK OFFICE**

**PATENT APPLICATION**

**APPLICANT(S):** Arun Kwangil Iyengar

**ASSIGNEE  
NAME:** International Business  
Machines Corporation

**ASSIGNEE  
RESIDENCE:** Armonk, New York

**TITLE:** Methods and Apparatus for Clustering  
and Prefetching Data Objects

**ASSISTANT COMMISSIONER FOR PATENTS  
WASHINGTON, D.C. 20231**

**SIR:**

Enclosed are the following papers relating to the above-named application for patent:

Application - 8 pages of Specification, 5 pages of Claims and 1 page of Abstract  
3 Sheets of informal drawing(s)  
Declaration and Power of Attorney  
Assignment and Recordation Form Cover Sheet  
Information Disclosure Statement with Form PTO-1449 and cited references

CLAIMS AS FILED				
	NO. FILED	NO. EXTRA	RATE	CALCULATIONS
Total Claims	25-20 =	5	x \$18 =	\$90
Independent Claims	4-3 =	1	x \$80 =	\$80
Multiple Dependent Claim(s), if applicable			\$270 =	\$0
Basic Fee				\$710
TOTAL FEE:				\$880

Please file the application and charge **International Business Machines Corporation Deposit Account No. 50-0510** the amount of \$880, to cover the filing fee. In the event of non-payment or improper payment of a required fee, the Commissioner is authorized to charge or to credit **International Business Machines Corporation Deposit Account No. 50-0510** as required to correct the error. Duplicate copies of this letter are enclosed.

"Express Mail" Label No. EL7935174034  
I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated below and is addressed to Assistant Commissioner for Patents, Washington, D.C. 20231.

Date of Deposit: July 19, 2001

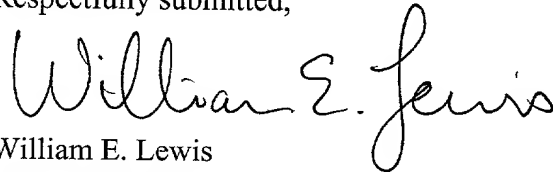
Signature: *Judy E. Ryan*

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09/909287  
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Please address all correspondence to: **Ryan, Mason & Lewis, LLP, 90 Forest Avenue, Locust Valley, New York 11560**. Telephone calls should be made to the under-signed attorney at (516) 759-2946.

Respectfully submitted,

A handwritten signature in cursive script that reads "William E. Lewis".

Date: July 19, 2001

William E. Lewis  
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